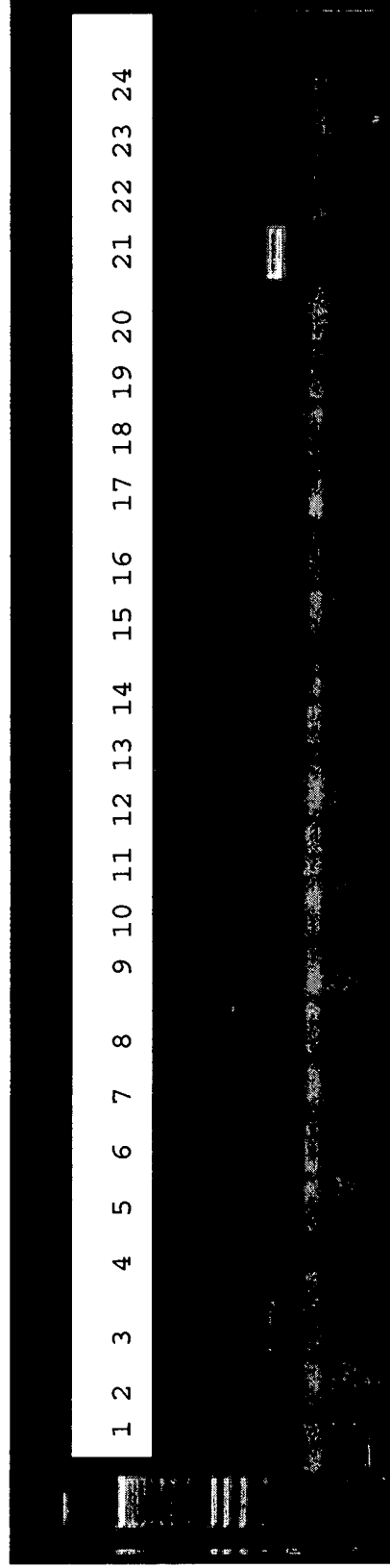Figure 1

```
Mouse     MGGCEVREFLLQFGFFLPLLTAWTGDCSHVSN-QVVLLDTTTVMGELGWKTYPLNGWDAI 59
Human     MGGCEVREFLLQFGFFLPLLTAWPGDCSHVSNNQVVLLDTTTVLGELGWKTYPLNGWDAI 60
          ***********************.******* **********:****************

Mouse     TEMDEHNRPIHTYQVCNVMEPNQNNWLRTNWISRDAAQKIYVEMKFTLRDCNSIPWVLGT 119
Human     TEMDEHNRPIHTYQVCNVMEPNQNNWLRTNWISRDAAQKIYVEMKFTLRDCNSIPWVLGT 120
          ***********************************************************

Mouse     CKETFNLYYIESDESHGTKFKPSQYIKIDTIAADESFTQMDLGDRILKLNTEIREVGPIE 179
Human     CKETFNLFYMESDESHGIKFKPNQYTKIDTIAADESFTQMDLGDRILKLNTEIREVGPIE 180
          *******:*:******* ****.** *********************************

Mouse     RKGFYLAFQDIGACIALVSVRVFYKKCPFTVRSLAMFPDTIPRVDSSSLVEVRGSCVKSA 239
Human     RKGFYLAFQDIGACIALVSVRVFYKKCPFTVRNLAMFPDTIPRVDSSSLVEVRGSCVKSA 240
          ********************************.**************************

Mouse     EERDTPKLYCGADGDWLVPLGRCICSTGYEEIEGSCHACRPGFYKAFAGNTKCSKCPPHS 299
Human     EERDTPKLYCGADGDWLVPLGRCICSTGYEEIEGSCHACRPGFYKAFAGNTKCSKCPPHS 300
          ***********************************************************

Mouse     STYVEATSVCHCEKGYFRAEKDPPSMACTRPPSAPRNVAFNINETALILEWSPPSDTGGR 359
Human     LTYMEATSVCQCEKGYFRAEKDPPSMACTRPPSAPRNVVFNINETALILEWSPPSDTGGR 360
          **:******:*****************************.*******************

Mouse     KDLTYSVICKKCGLDTTQCEDCGGGLRFIPRHTGLINNSVVVLDFVSHVNYTFEIEAMNG 419
Human     KDLTYSVICKKCGLDTSQCEDCGGGLRFIPRHTGLINNSVIVLDFVSHVNYTFEIEAMNG 420
          ****************:***********************:******************

Mouse     VSELSISPKPFTAITVTTDHDAPSLIGMMRKDWASQNSLALSWQAPAFSNGAILDYETKY 479
Human     VSELSFSPKPFTAITVTTDQDAPSLIGVVRKDWASQNSIALSWQAPAFSNGAILDYEIKY 480
          *****:*************:*******:.*********:*********************** **

Mouse     YEKEHEQLTYSSTRSKAPSVIVTGLKPATTYIFHIRVRTATGYSGYSQKFEFETGDETSD 539
Human     YEKEHEQLTYSSTRSKAPSVIITGLKPATKYVFHIRVRTATGYSGYSQKFEFETGDETSD 540
          *********************:*******.*:***************************

Mouse     MAAEQGQILVIATAAVGGFTLLVILTLFFLITGRCQWYIKAKMKSEEKRRTHLQNGHLRF 599
Human     MAAEQGQILVIATAAVGGFTLLVILTLFFLITGRCQWYIKAKMKSEEKRRNHLQNGHLRF 600
          **************************************************.*********

Mouse     PGIKTYIDPDTYEDPSLAVHEFAKEIDPSRIRIERVIGAGEFGEVCSGRLKTPGKREIPV 659
Human     PGIKTYIDPDTYEDPSLAVHEFAKEIDPSRIRIERVIGAGEFGEVCSGRLKTPGKREIPV 660
          ***********************************************************

Mouse     AIKTLKGGHMDRQRRDFLREASIMGQFDHPNIIRLEGVVTKRSFPAIGVEAFCPSFLRAG 719
Human     AIKTLKGGHMDRQRRDFLREASIMGQFDHPNIIRLEGVVTKRSFPAIGVEAFCPSFLRAG 720
          ***********************************************************

Mouse     FLNGIQAPHPVTAGGSLPPRIPAGRPVMIVVEYMENGSLDSFLRKHDGHFTVIQLVGMLR 779
Human     FLNSIQAPHPVPGGGSLPPRIPAGRPVMIVVEYMENGSLDSFLRKHDGHFTVIQLVGMLR 780
          ***.*******..*********************************************

Mouse     GIASGMKYLSDMGYVHRDLAARNILVNSNLVCKVSDFGLSRVLEDDPEAAYTTTGGKIPI 839
Human     GIASGMKYLSDMGYVHRDLAARNILVNSNLVCKVSDFGLSRVLEDDPEAAYTTTGGKIPI 840
          ***********************************************************

Mouse     RWTAPEAIAYRKFSSASDAWSYGIVMWEVMSYGERPYWEMSNQDVILSIEEGYRLPAPMG 899
Human     RWTAPEAIAYRKFSSASDAWSYGIVMWEVMSYGERPYWEMSNQDVILSIEEGYRLPAPMG 900
          ***********************************************************

Mouse     CPPSLQQLMLHCWQKERNHRPKFTDIVSFLDKLIRNPSALHTLVEDILVMPESPGDVPEY 959
Human     CPASLHQLMLHCWQKERNHRPKFTDIVSFLDKLIRNPSALHTLVEDILVMPESPGEVPEY 960
          **.**:*:***************************************************:****

Mouse     PLFVTVGDWLDSIKMGQYKSNFMAAGFTTFDLISRMSIDDIRRIGVILIGHQRRIVSSIQ 1019
Human     PLFVTVGDWLDSIKMGQYKNNFVAAGFTTFDLISRMSIDDIRRIGVILIGHQRRIVSSIQ 1020
          ******************.**:************************************

Mouse     TLRLHMMHIQEKGFHV 1035
Human     TLRLHMMHIQEKGFHV 1036
          ****************
```

FIGURE 2

Figure 3

```
Human: 3    aggaccccatcctacccagaacacctgcctgcgctgccgccacttctctttaagggaga 62
            ||||||||||  ||||    |||||||||| |||||||||| |||||||||| |||||||   |
Mouse: 205  aggaccccacgctactaggaacacctggctgcgctgctgccacttcttttttaagg---a 261


Human: 63   ggaaaagagagcctaggagaaccatggggggctgcgaagtccgggaatttcttttgcaat 122
            |||  ||||||| || |    ||| |||||||||||||||||||||||||||||||||||||||||||
Mouse: 262  ggagaagagaaccaaccagagccatggggggctgcgaagtccgggaatttcttttgcaat 321


Human: 123  ttggtttcttcttgcctctgctgacagcgtggccaggcgactgcagtcacgtctccaaca 182
            ||||||||||||||| ||||| || || ||| | ||||||||||||||||||||||||||
Mouse: 322  ttggtttcttcttgcccctgctaacggcttggaccggcgactgcagtcacgtctccaac- 380


Human: 183  accaagttgtgttgcttgatacaacaactgtactgggagagctaggatggaaaacatatc 242
             ||||||||||||||||||||||||| || ||  ||||||| ||||||||||||||||||||
Mouse: 381  --caagttgtgttgcttgatacaaccacagtgatgggagaactaggatggaaaacatatc 438


Human: 243  cattaaatgggtgggatgccatcactgaaatggatgaacataataggcccattcacacat 302
            |||||||||||||||||||||||||| |||||||||||||||||| ||||||||||| || ||||
Mouse: 439  cattaaatgggtgggatgccattactgaaatggatgaacacaataggcccatacatacat 498


Human: 303  accaggtatgtaatgtaatggaaccaaaccaaaacaactggcttcgtacaaactggatct 362
            ||||||||||| ||||| |||||||||||||| ||||||||||||||||| ||||||||||
Mouse: 499  accaggtatgcaatgtcatggaaccaaaccagaacaactggcttcgtactaactggatct 558


Human: 363  cccgtgatgcagctcagaaaatttatgtggaaatgaaattcacactaagggattgtaaca 422
            | ||||||||| || ||||||||||||||||||||||||| |||||||| |||||||||||||
Mouse: 559  ctcgtgatgctgcacagaaaatttatgtggaaatgaagttcacactgagggattgtaaca 618


Human: 423  gcatcccatgggtcttggggacttgcaaagaaacatttaatctgttttatatggaatcag 482
            ||||||||||||||||||||||||||| |||||||| ||||| |||| ||||| ||||| |
Mouse: 619  gcatcccatgggtcttggggacttgtaaagaaacctttaacctgtattatatagaatccg 678


Human: 483  atgagtcccacggaattaaattcaagccaaaccagtatacaaagatcgacacaattgctg 542
            |||| |||||| || |   ||||||||||||| ||| |||| ||||||||||||||||||||
Mouse: 679  atgaatcccatgggacaaaattcaagccaagccaatatataaagatcgacacaattgctg 738


Human: 543  ctgatgagagtttttacccagatggatttgggtgatcgcatcctcaaactcaacactgaaa 602
            ||||||||||||||||| ||||||||||||||||| |||||||| ||||||||||||||||
Mouse: 739  ctgatgagagtttttactcagatggatttgggtgaccgcatccttaaactcaacactgaaa 798


Human: 603  ttcgtgaggtggggcctatagaaaggaaaggattttatctggcttttcaagacattgggg 662
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Mouse: 799  tccgtgaggtggggcctatagaaaggaaaggatttttatttggcttttcaagatattggag 858


Human: 663  cgtgcattgccctggtttcagtccgtgttttctacaagaaatgccccttcactgttcgta 722
            | ||||| || ||||| |||||||| |||||||||||||| |||||||||||| || || |
Mouse: 859  catgcatcgctctggtctcagtccgagttttctacaaaaaatgcccttcaccgtgcgga 918


Human: 723  acttggccatgtttcctgataccattccaagggttgattcctcctctttggttgaagtac 782
            |||||| ||||||||||||||||| ||||||||||||||||| ||||||||||||||| |
Mouse: 919  gcttggctatgtttcctgataccatcccaagggttgattcttcctctttggttgaagtgc 978


Human: 783  ggggttcttgtgtgaagagtgctgaagagcgtgacactcctaaactgtattgtggagctg 842
            |||| || |||||| |||||||||| ||||| || |||||||||| |||||| || ||||||||||
Mouse: 979  ggggctcatgtgtaaagagtgctgaggagcgagatactcctaaactctactgtggagctg 1038
```

```
Human:   843 atggagattggctggttcctcttggaaggtgcatctgcagtacaggatatgaagaaattg 902
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Mouse:  1039 atggggattggcttgttcctcttggaaggtgtatctgcagtacagggtatgaagaaatcg 1098


Human:   903 agggttcttgccatgcttgcagaccaggattctataaagcttttgctgggaacacaaaat 962
             ||||||||||||||||||||||||||||||||||||| |||||  ||||||||||||||||
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Human:   963 gttctaaatgtcctccacacagtttaacatacatggaagcaacttctgtctgtcagtgtg 1022
             |||| |||||  |||||||||||| | ||| ||| |||||||||| || |||||||| ||||
Mouse:  1159 gttccaaatgccctccacacagctcaacctacgtggaagcaacgtcagtctgtcattgtg 1218


Human:  1023 aaaagggttatttccgagctgaaaaagacccaccttctatggcatgtaccaggccacctt 1082
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Mouse:  1219 aaaagggttacttccgggcagaaaaagacccaccttctatggcatgcactagaccacctt 1278


Human:  1083 cagctcctaggaatgtggttttaacatcaatgaaacagcccttattttggaatggagcc 1142
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Mouse:  1279 cagctcctagaaatgtggctttaacatcaatgaaacagcccttattttggaatggagcc 1338


Human:  1143 caccaagtgacacaggagggagaaaagatctcacatacagtgtaatctgtaagaaatgtg 1202
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Mouse:  1339 cacccagtgacacaggagggagaaaagatctcacatacagtgtaatctgtaagaaatgtg 1398


Human:  1203 gcttagacaccagccagtgtgaggactgtggtggaggactccgcttcatcccaagacata 1262
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Mouse:  1399 gtttagacactacccagtgtgaggactgtggtggaggactccgcttcatcccaagacaca 1458


Human:  1263 caggcctgatcaacaattccgtgatagtacttgactttgtgtctcacgtgaattacacct 1322
             | || ||||||||||||||| ||| |||||||  |||||||||||||||||| |||| ||||
Mouse:  1459 ctggactgatcaacaattctgtggtagtactggactttgtgtctcacgtcaattatacct 1518


Human:  1323 ttgaaatagaagcaatgaatggagtttctgagttgagtttttctcccaagccattcacag 1382
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Mouse:  1519 ttgaaatagaagccatgaatggagtttctgagttgagcatctctcccaagccattcacag 1578


Human:  1383 ctattacagtgaccacggatcaagatgcaccttccctgataggtgtggtaaggaaggact 1442
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Mouse:  1639 gggcatctcagaacagccttgctctatcgtggcaagcacctgcattttccaatggagcta 1698


Human:  1503 ttctggactacgagatcaagtactatgagaaagaacatgagcagctgacctactcttcca 1562
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Human:  1623 ttcacatccgagtgagaactgcgacaggatacagtggctacagtcagaaatttgaatttg 1682
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Mouse:  1819 ttcacatccgagtgaggacggcgacaggctacagtggctacagtcagaagtttgaatttg 1878


Human:  1683 aaacaggagatgaaacttctgacatggcagcagaacaaggacagattctcgtgatagcca 1742
             |||||||||||||||||||||||||||||| |||||||||| |||||||||| || |||||||
Mouse:  1879 aaacaggagatgaaacttctgacatggcggcagaacaagggcagattctggtcatagcca 1938
```

```
Human:  1743 ccgccgctgttggcggattcactctcctcgtcatcctcactttattcttcttgatcactg 1802
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Mouse:  1939 ctgcagccgtcggggggattcactctcttagtcatcctcaccctgttcttcctcatcactg 1998


Human:  1803 ggagatgtcagtggtacataaaagccaagatgaagtcagaagagaagagaagaaaccact 1862
              |||| |||||| ||||||||||| ||||| ||||||||||||||||||||||||| ||||
Mouse:  1999 ggaggtgtcaatggtacataaaggccaaaatgaagtcagaagagaagagaagaactcact 2058


Human:  1863 tacagaatgggcatttgcgcttcccgggaattaaaacttacattgatccagatacatatg 1922
              |||||||| || || ||||||||||||||||||||||| ||||||||||||| || ||||
Mouse:  2059 tacagaacggccacctgcgcttcccgggaattaaaacatacattgatccagacacctatg 2118


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Mouse:  2119 aagacccatccctagcagtccacgaatttgcaaaagagattgatccttcaagaattcgca 2178


Human:  1983 ttgagagagtcattggggcaggtgaatttggagaagtctgtagtgggcgtttgaagacac 2042
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Mouse:  2179 ttgagagagtgattggagcaggtgaatttggagaagtctgcagtgggcgtttgaagacac 2238


Human:  2043 cagggaaaagagagatcccagttgccattaaaactttgaaaggtggccacatggatcggc 2102
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Human:  2103 aaagaagagattttctaagagaagctagtatcatgggccagtttgaccatccaaacatca 2162
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Mouse:  2299 aaagaagagattttctaagagaagctagcatcatgggtcagtttgaccacccaaacatca 2358


Human:  2163 ttcgcctagaaggggttgtcaccaaaagatccttcccggccattggggtggaggcgtttt 2222
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Human:  2223 gccccagcttcctgagggcagggtttttaaatagcatccaggccccgcatccagtgccag 2282
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Mouse:  2419 gccccagcttcctaagggctgggtttttaaatggcatccaagcaccacatccagtgactg 2478


Human:  2283 ggggaggatctttgcccccccaggattcctgctggcagaccagtaatgattgtggtggaat 2342
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Mouse:  2479 caggaggctctctgccccccaggattcctgcaggtcggccagtaatgatcgtagtagagt 2538


Human:  2343 atatggagaatggatccctagactcctttttgcggaagcatgatggccacttcacagtca 2402
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Mouse:  2539 atatggagaatggatcactggactcctttttgcggaagcatgatggccacttcaccgtca 2598


Human:  2403 tccagttggtcggaatgctccgaggcattgcatcaggcatgaagtatctttctgatatgg 2462
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Mouse:  2599 tccagttggtcggcatgctgagggggcatcgcgtcaggcatgaagtatctttctgacatgg 2658


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Human:  2523 aagtttctgattttggtctctccagagtgctggaagatgatccagaagctgcttatacaa 2582
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Mouse:  2719 aggtctctgattttggtctctcccgagtgctggaagatgatccagaagcagcttatacaa 2778
```

```
Human: 2583 caactggtggaaaaatccccataaggtggacagccccagaagccatcgcctacagaaaat 2642
            |||| || || |||||||| ||| |||||||||||||||||| || || ||||||||| |
Mouse: 2779 caacgggagggaaaatccctatacggtggacagccccagaagctattgcttacagaaagt 2838


Human: 2643 tctcctcagcaagcgatgcatggagctatggcattgtcatgtgggaggtcatgtcctatg 2702
            |||||||||| || || || ||||||||| || |||||||||||||||| |||||||||||
Mouse: 2839 tctcctcagccagtgacgcgtggagctacgggattgtcatgtgggaggtgatgtcctatg 2898


Human: 2703 gagagagaccttattgggaaatgtctaaccaagatgtcattctgtccattgaagaagggt 2762
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Mouse: 3019 ggcagaaggagagaaaccacaggccaaaattcactgacatcgtcagcttccttgacaaac 3078


Human: 2883 tgatccgaaatcccagtgcccttcacaccctggtggaggacatccttgtaatgccagagt 2942
            |||||| || |||||||||||||||||| ||||||||||||||||||||||||||||| |
Mouse: 3079 tgatccgcaaccccagtgcccttcacacgctggtggaggacatccttgtaatgccagaat 3138


Human: 2943 cccctggtgaagttccggaatatcctttgtttgtcacagttggtgactggctagattcta 3002
            |||||||||| |||||| |||||||| |||||||||||||||| |||||||||| |||||||
Mouse: 3139 cccctggtgatgttcctgaatatccattgtttgtcacagtaggtgactggctggattcta 3198


Human: 3003 taaagatggggcaatacaagaataacttcgtggcagcagggtttacaacatttgacctga 3062
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Mouse: 3199 taaagatggggcaatacaagagtaacttcatggcagcgggttttacaacgtttgatctga 3258


Human: 3063 tttcaagaatgagcattgatgacattagaagaattggagtcatacttattggacaccaga 3122
            ||||| |||||||||| ||||| |||||  |||||||||||| || |||||||| ||||
Mouse: 3259 tttcacgaatgagcatcgatgatattaggcgaattggagtcattctcattggacatcaga 3318


Human: 3123 gacgaatagtcagcagcatacagactttacgtttacacatgatgcacatacaggagaagg 3182
            |||||||||||||||||||||| ||||||||||||| |||||||||||||||||||| || |
Mouse: 3319 gacgaatagtcagcagcatacaaactttacgtttacatatgatgcacatacaggaaaaag 3378


Human: 3183 gatttcatgtatgaaagtaccacaagcacctgtgtttgtgcctcagcatttctaaaatg 3242
            |||||||||||||||||||| | || |||||||| | ||||||||||||||||||||| || |
Mouse: 3379 gatttcatgtatgaaagtactataaacacctgtatcttgtgcctcagcatttctacaaag 3438


Human: 3243 aacgatatcctctctactactctctcttctgattctccaaacatcacttcacaaactgca 3302
            || ||||| | ||||||| |||| |||||||||||||| | || ||||||| | | |
Mouse: 3439 aaagatattccctctacgactcattcttctgattctccagccttcccttcaccacccacc 3498


Human: 3303 gtcttctgttcagactataggcacacaccttatgtttatgcttccaaccaggatttttaaa 3362
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Mouse: 3499 gtctcctgttccgactatggctgcacaccttacgtttatgcttccaccctggatttcaat 3558


Human: 3363 atcatgctacataaatccgttctgaataacctgcaactaaaaccctggcccactgcagat 3422
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Mouse: 3559 accacgctacacaggtcctctctgaatagcctgcaaacgaaactctggcccactgcagat 3618


Human: 3423 tattgctacgcaatggtaaataactcagcatggatgtgtaattttgtataagccgtatat 3482
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```

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Mouse: 3678 gggaagtgttcatggacttcacctaaaggaatttgtccttaagtgtggcatcttcagaga 3737


Human: 3541 tgtatgtagagtgtgatggtagatgagaaagaactagttgacctttctttcatgttttgt 3600
             || ||| |||| |||||| ||||| |||| || ||| ||| | ||||| ||||||||||
Mouse: 3738 cgtgtgtggagtttgatgatagataagaagaaaatagctgatcattcttccatgttttgt 3797


Human: 3601 gatcaagtagct 3612
             |||| |||||||
Mouse: 3798 gatcgagtagct 3809
```

Figure 4

```
KSE132      MGGCEVREFLLQFGFFLPLLTAWPGDCSHVSNNQVVLLDTTTVLGELGWKTYPLNGWDAI 60
XM_035574   ------------------------------------------------------------

KSE132      TEMDEHNRPIHTYQVCNVMEPNQNNWLRTNWISRDAAQKIYVEMKFTLRDCNSIPWVLGT 120
XM_035574   ------------------------------------------------------------

KSE132      CKETFNLFYMESDESHGIKFKPNQYTKIDTIAADESFTQMDLGDRILKLNTEIREVGPIE 180
XM_035574   ------------------------------------------------------------

KSE132      RKGFYLAFQDIGACIALVSVRVFYKKCPFTVRNLAMFPDTIPRVDSSSLVEVRGSCVKSA 240
XM_035574   ------------------------------------------------------------

KSE132      EERDTPKLYCGADGDWLVPLGRCICSTGYEEIEGSCHACRPGFYKAFAGNTKCSKCPPHS 300
XM_035574   ------------------------------------------------------------

KSE132      LTYMEATSVCQCEKGYFRAEKDPPSMACTRPPSAPRNVVFNINETALILEWSPPSDTGGR 360
XM_035574   ------------------------------------------------------------

KSE132      KDLTYSVICKKCGLDTSQCEDCGGGLRFIPRHTGLINNSVIVLDFVSHVNYTFEIEAMNG 420
XM_035574   ------------------------------------------------------------

KSE132      VSELSFSPKPFTAITVTTDQDAPSLIGVVRKDWASQNSIALSWQAPAFSNGAILDYEIKY 480
XM_035574   ------------------------------------------------------------

KSE132      YEKEHEQLTYSSTRSKAPSVIITGLKPATKYVFHIRVRTATGYSGYSQKFEFETGDETSD 540
XM_035574   -------------------------------MKXXXXXXXXXXXXXXXXXXXXXXXXSD 26
                                           ::                        **

KSE132      MAAEQGQILVIATAAVGGFTLLVILTLFFLITGRCQWYIKAKMKSEEKRRNHLQNGHLRF 600
XM_035574   MAAEQGQILVIATAAVGGFTLLVILTLFFLITGRCQWYIKAKMKSEEKRRNHLQNGHLRF 86
            ************************************************************

KSE132      PGIKTYIDPDTYEDPSLAVHEFAKEIDPSRIRIERVIGAGEFGEVCSGRLKTPGKREIPV 660
XM_035574   PGIKTYIDPDTYEDPSLAVHEFAKEIDPSRIRIERVIGAGEFGEVCSGRLKTPGKREIPV 146
            ************************************************************

KSE132      AIKTLKGGHMDRQRRDFLREASIMGQFDHPNIIRLEGVVTKRSFPAIGVEAFCPSFLRAG 720
XM_035574   AIKTLKGGHMDRQRRDFLREASIMGQFDHPNIIRLEGVVTKRSFPAIGVEAFCPSFLRAG 206
            ************************************************************

KSE132      FLNSIQAPHPVPGGGSLPPRIPAGRPVMIVVEYMENGSLDSFLRKHDGHFTVIQLVGMLR 780
XM_035574   FLNSIQAPHPVPGGGSLPPRIPAGRPVMIVVEYMENGSLDSFLRKHDGHFTVIQLVGMLR 266
            ************************************************************

KSE132      GIASGMKYLSDMGYVHRDLAARNILVNSNLVCKVSDFGLSRVLEDDPEAAYTTTGGKIPI 840
XM_035574   GIASGMKYLSDMGYVHRDLAARNILVNSNLVCKVSDFGLSRVLEDDPEAAYTTTD----- 321
            ******************************************************.

KSE132      RWTAPEAIAYRKFSSASDAWSYGIVMWEVMSYGERPYWEMSNQDVILSIEEGYRLPAPMG 900
XM_035574   -----------LFQTLTLNLCYSA------------------------------------ 334
                       *.: :    .*.

KSE132      CPASLHQLMLHCWQKERNHRPKFTDIVSFLDKLIRNPSALHTLVEDILVMPESPGEVPEY 960
XM_035574   ------------------------------------------------------------

KSE132      PLFVTVGDWLDSIKMGQYKNNFVAAGFTTFDLISRMSIDDIRRIGVILIGHQRRIVSSIQ 1020
XM_035574   ------------------------------------------------------------

KSE132      TLRLHMMHIQEKGFHV 1036
XM_035574   ----------------
```